

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
 Data File : BM006341.D
 Acq On : 08 Jul 2016 04:55
 Operator : UM/SJ
 Sample : H3811-03DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV3DL

Manual Integrations

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Quant Time: Jul 08 08:47:43 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 08:04:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4631	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18426	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10950	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	23767	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	16670	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	14373	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	4941	2.52	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	3931	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	9073	0.18	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	3712	0.10	ng/ul#	94
14) Phenanthrene	17.07	178	9350	0.14	ng/ul#	93
15) Anthracene	17.16	178	4077m	0.07	ng/ul	
17) Fluoranthene	19.11	202	51526	0.71	ng/ul	93
19) Pyrene	19.47	202	55030	0.79	ng/ul	94
20) Benzo(a)anthracene	21.22	228	21922	0.41	ng/ul#	91
21) Chrysene	21.27	228	24351	0.46	ng/ul	95
23) Benzo(b)fluoranthene	22.78	252	39967m	0.78	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	9565m	0.20	ng/ul	
25) Benzo(a)pyrene	23.35	252	20294	0.42	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.66	276	15189	0.29	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.67	278	3706	0.09	ng/ul#	67
28) Benzo(g,h,i)perylene	26.34	276	12622	0.28	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

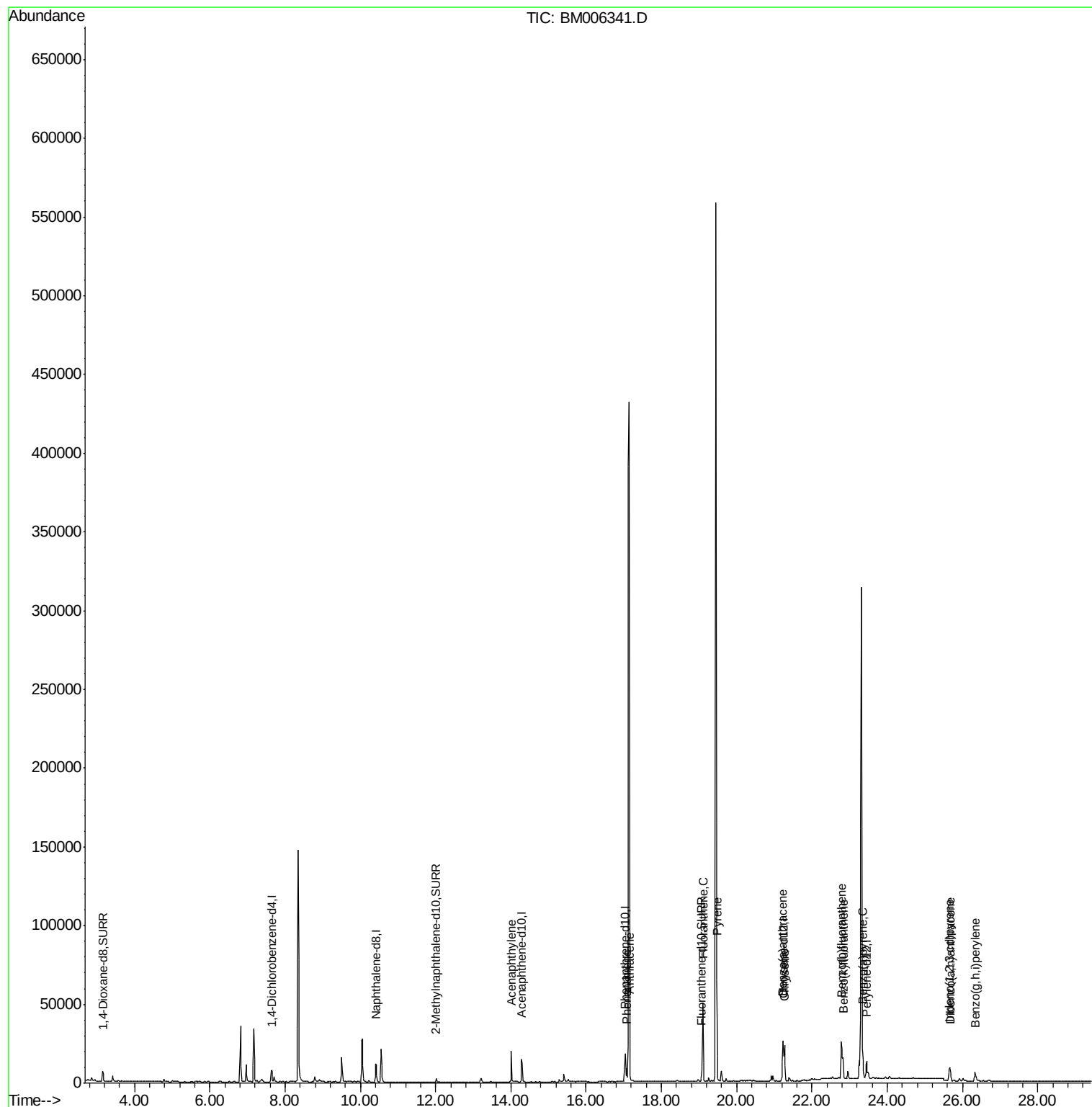
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006341.D
Acq On : 08 Jul 2016 04:55
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Sample : H3811-03DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

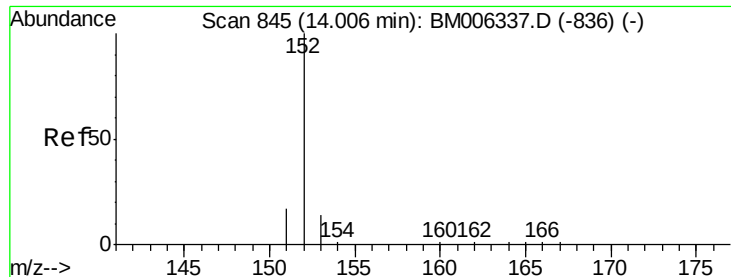
Instrument :
BNA_M
ClientSampleId :
A4TV3DL

Manual Integrations

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Quant Time: Jul 08 08:47:43 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006341.D

Acq: 08 Jul 2016 04:55

Instrument :

BNA_M

ClientSampleId :

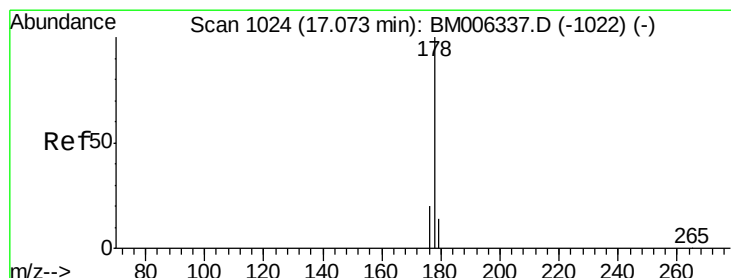
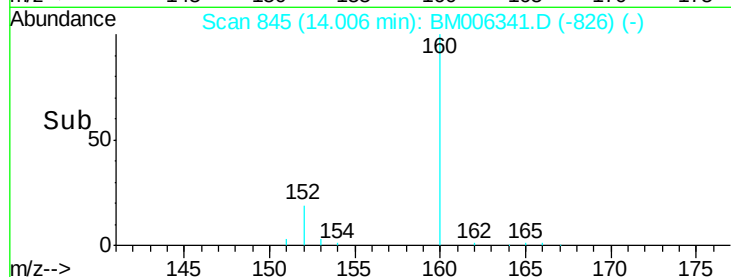
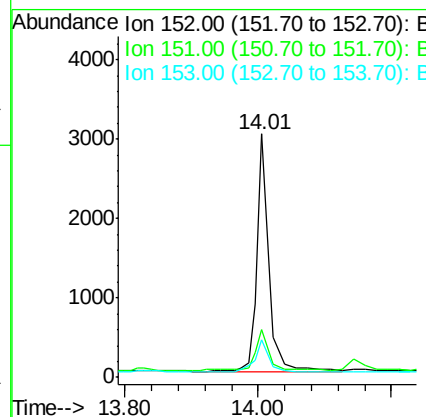
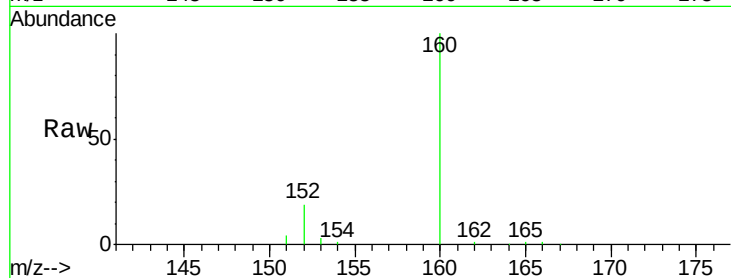
A4TV3DL

Tot Ion:	152	Resp:	3712
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.6	26.4
153	15.6	9.7	14.5

Manual Integrations

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#14

Phenanthrene

Concen: 0.14 ng/ul

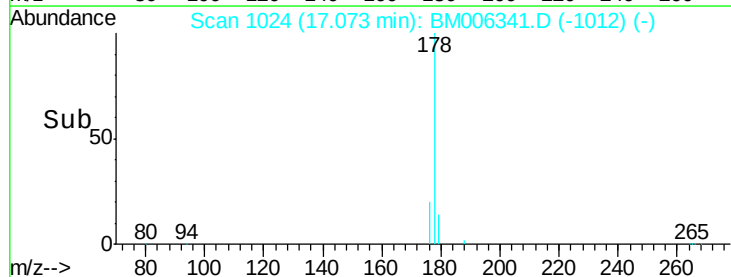
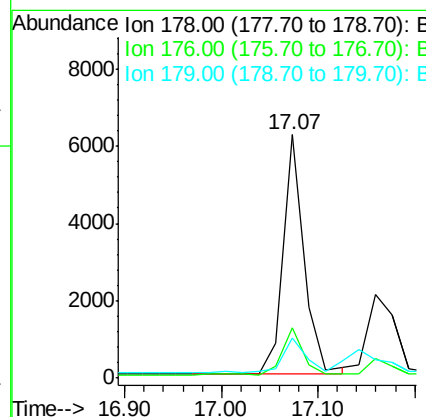
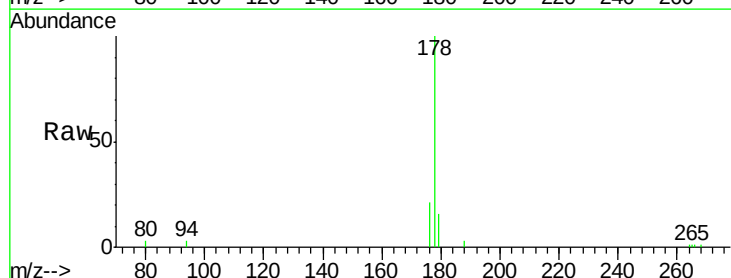
RT: 17.07 min Scan# 1024

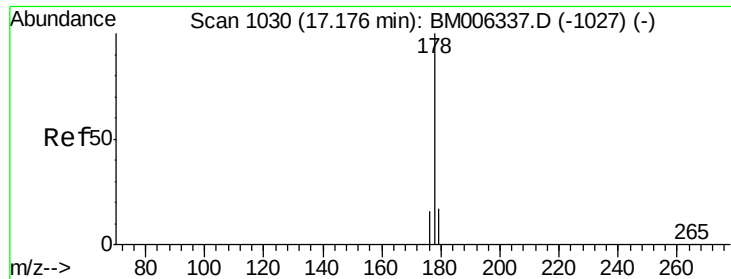
Delta R.T. 0.00 min

Lab File: BM006341.D

Acq: 08 Jul 2016 04:55

Tgt Ion:	178	Resp:	9350
Ion Ratio	Lower	Upper	
178	100		
176	20.8	13.0	19.4
179	16.5	14.2	21.2





#15

Anthracene

Concen: 0.07 ng/ul m

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006341.D

Acq: 08 Jul 2016 04:55

Instrument :

BNA_M

ClientSampleId :

A4TV3DL

Tot Ion:178 Resp: 4077

Ion Ratio Lower Upper

178 100

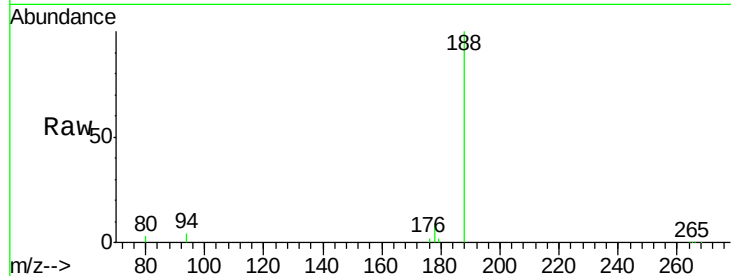
176 23.8 14.0 21.0#

179 21.9 12.9 19.3#

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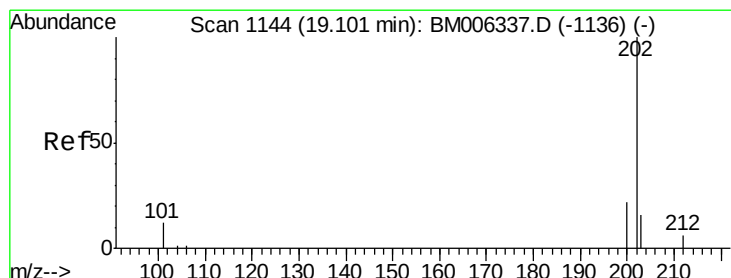
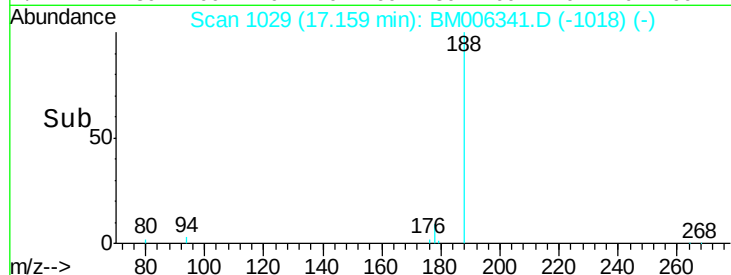
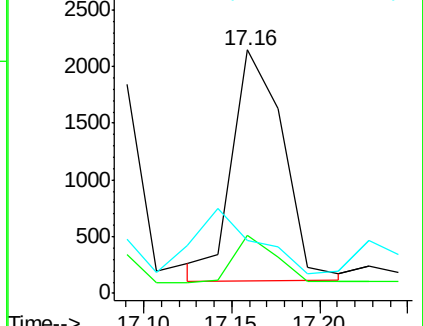
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.71 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BM006341.D

Acq: 08 Jul 2016 04:55

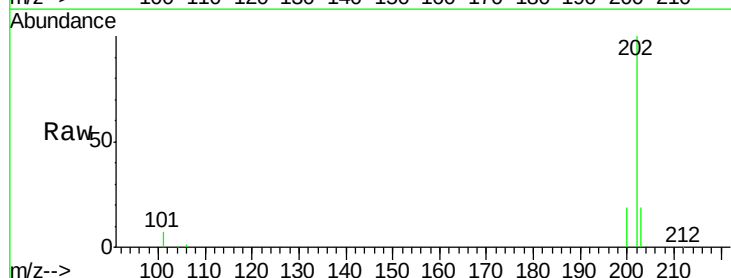
Tgt Ion:202 Resp: 51526

Ion Ratio Lower Upper

202 100

101 6.7 0.0 29.6

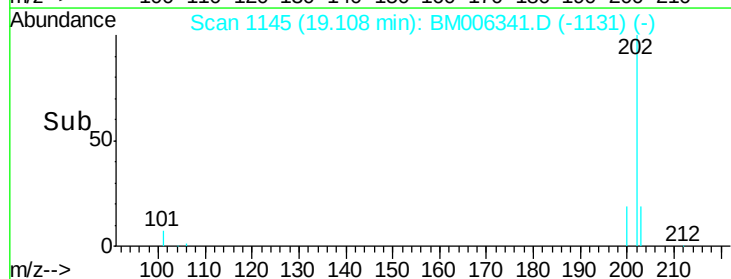
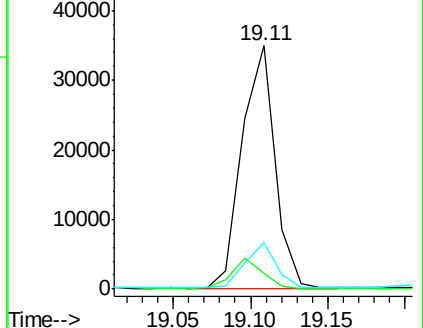
203 18.9 0.0 36.3

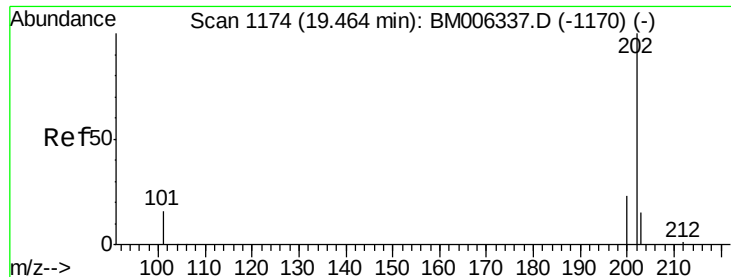


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





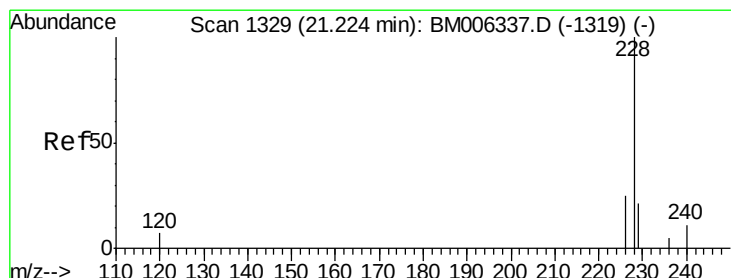
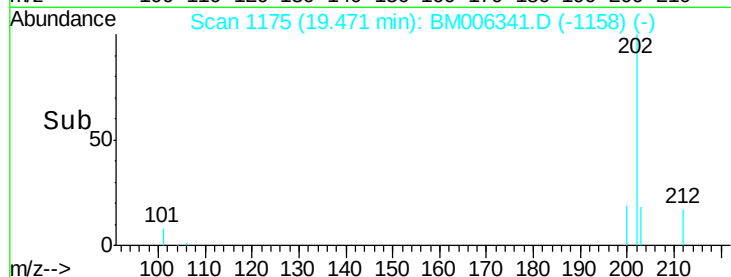
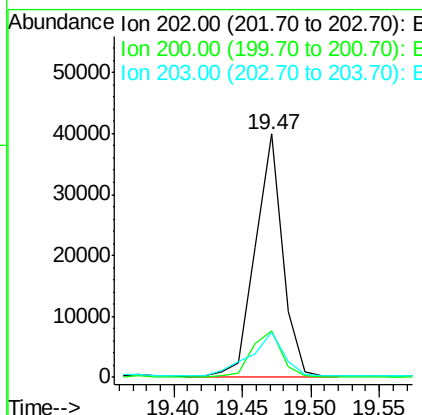
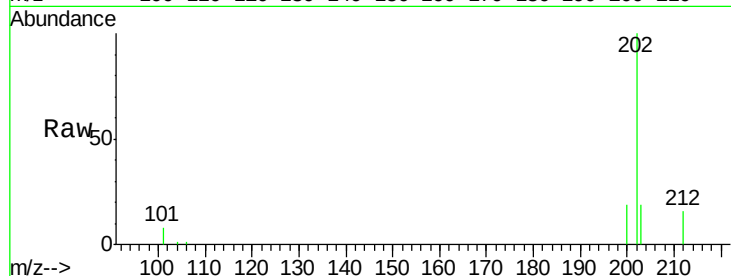
#19
Pvrene
Concen: 0.79 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BM006341.D
Acq: 08 Jul 2016 04:55

Instrument :
BNA_M
ClientSampled :
A4TV3DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.8	26.8
203	18.5	12.8	19.2

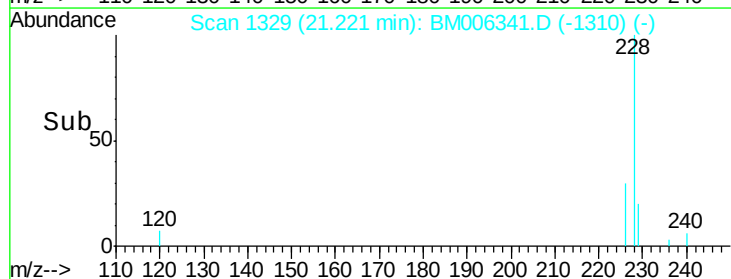
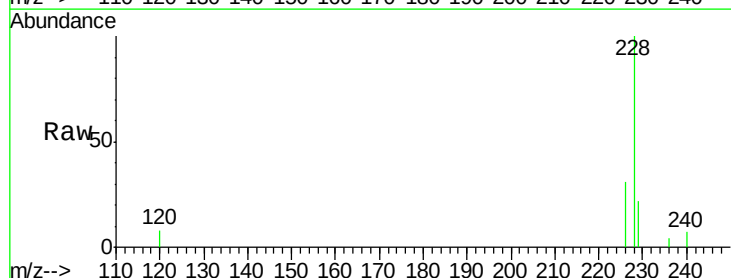
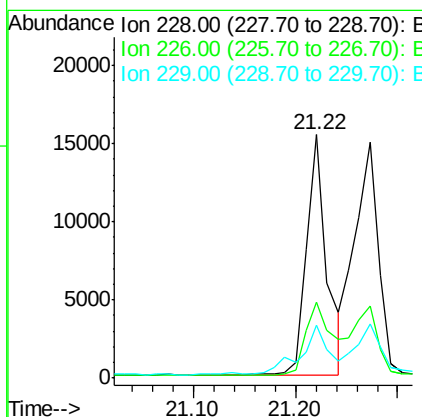
Manual Integrations

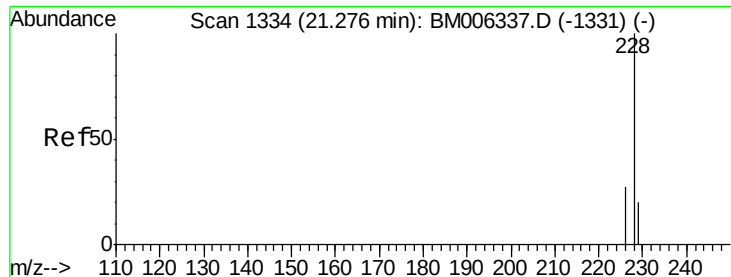
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#20
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM006341.D
Acq: 08 Jul 2016 04:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	18.8	28.2#
229	21.9	17.1	25.7





#21

Chrysene

Concen: 0.46 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM006341.D

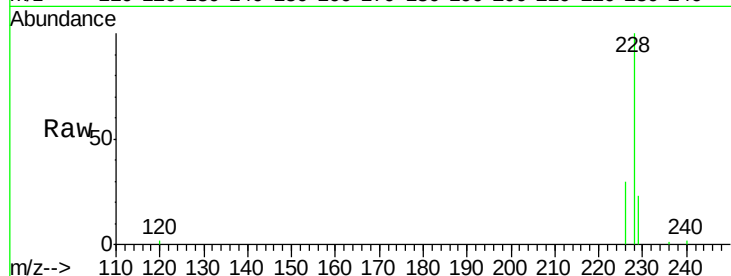
Acq: 08 Jul 2016 04:55

Instrument :

BNA_M

ClientSampleId :

A4TV3DL

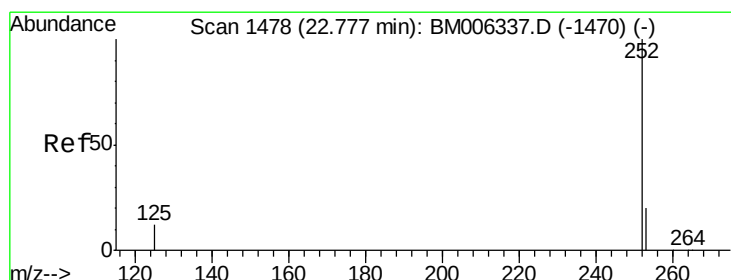
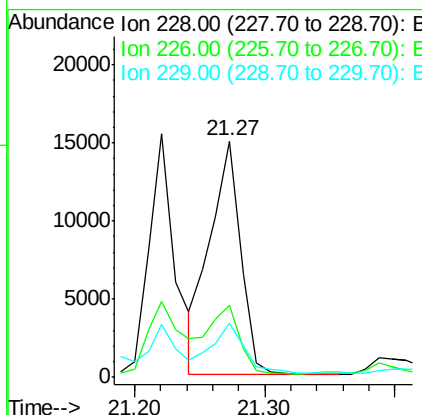
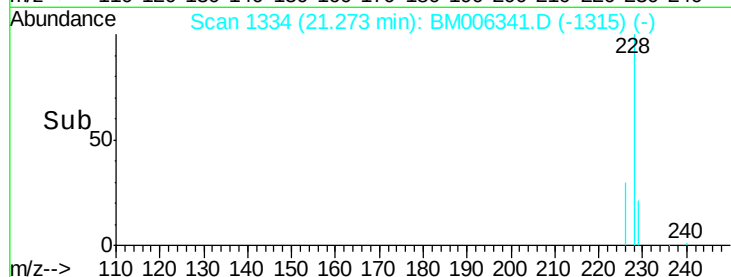


Tot Ion: 228 Resp: 24351

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.2	31.8
229	22.7	17.0	25.6

Manual Integrations

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#23

Benzo(b)fluoranthene

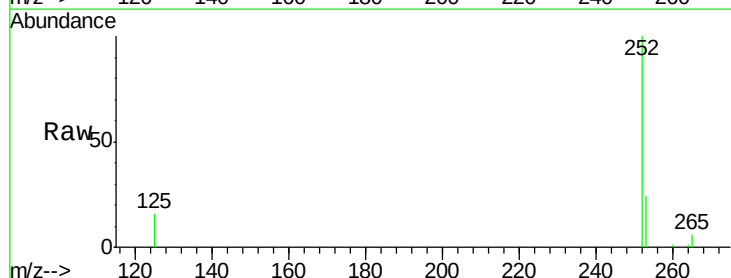
Concen: 0.78 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.01 min

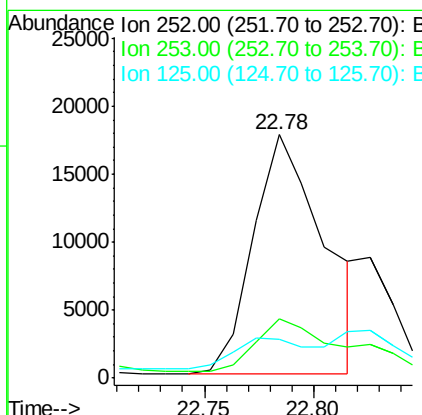
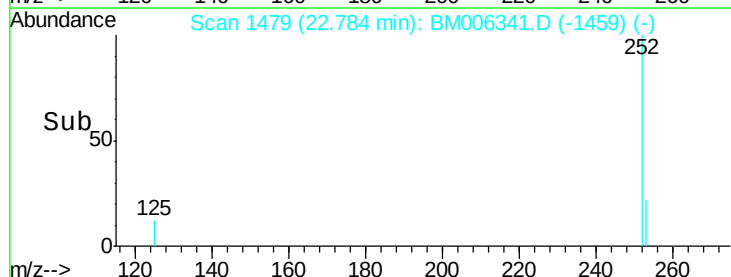
Lab File: BM006341.D

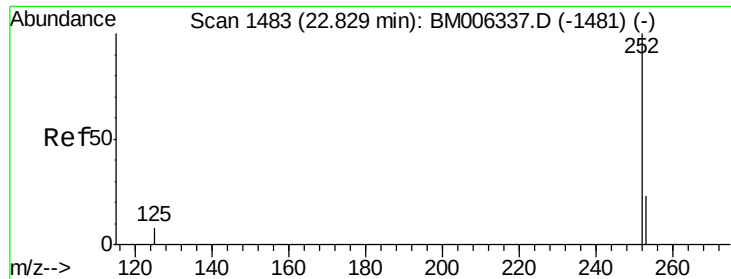
Acq: 08 Jul 2016 04:55



Tgt Ion: 252 Resp: 39967

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	45.4
125	15.7	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.20 ng/ul m

RT: 22.83 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BM006341.D

Acq: 08 Jul 2016 04:55

Instrument :

BNA_M

ClientSampleId :

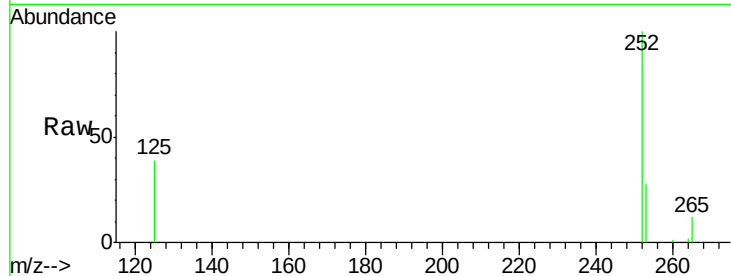
A4TV3DL

Tot Ion:	252	Resp:	9565
Ion Ratio	Lower	Upper	
252	100		
253	27.9	19.8	29.8
125	39.1	10.4	15.6

Manual Integrations

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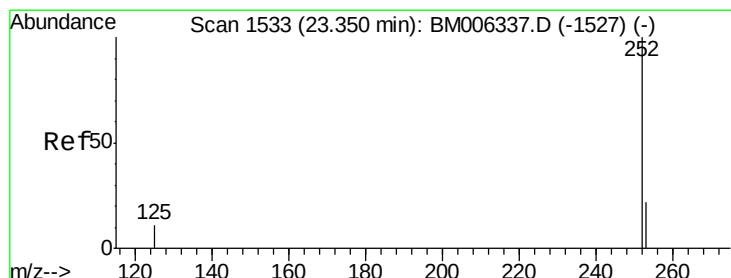
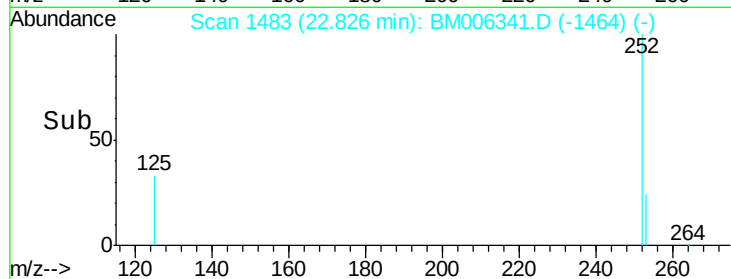
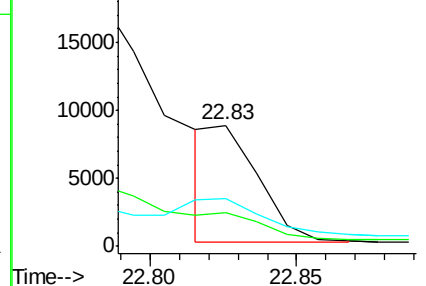
7/8/2016 7:14:28 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(a)pyrene

Concen: 0.42 ng/ul

RT: 23.35 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BM006341.D

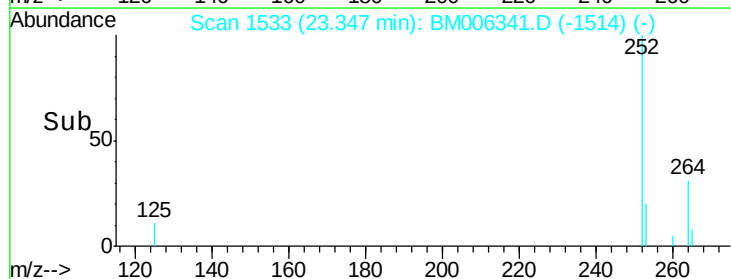
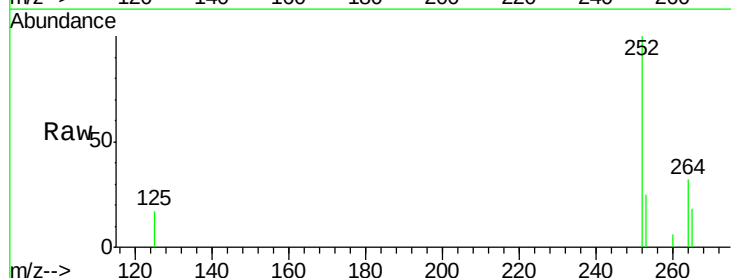
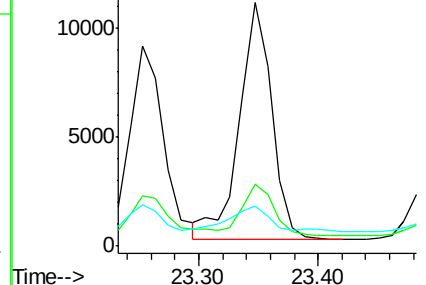
Acq: 08 Jul 2016 04:55

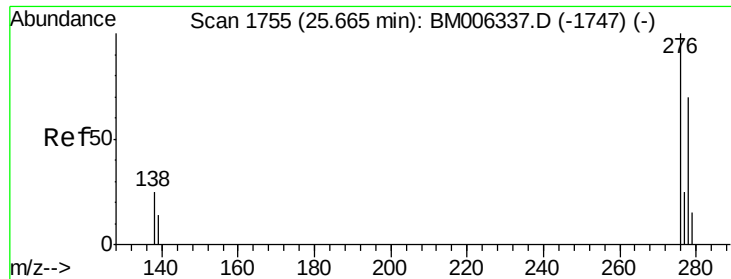
Tgt Ion:	252	Resp:	20294
Ion Ratio	Lower	Upper	
252	100		
253	25.4	19.4	29.2
125	16.6	12.7	19.1

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





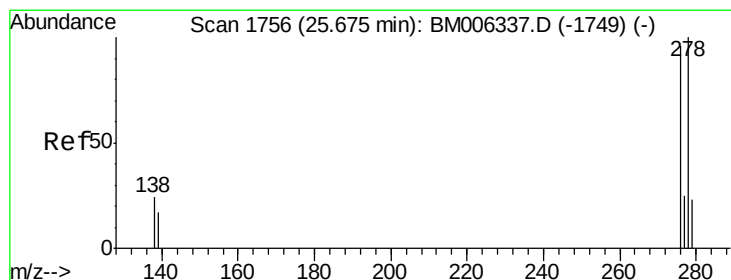
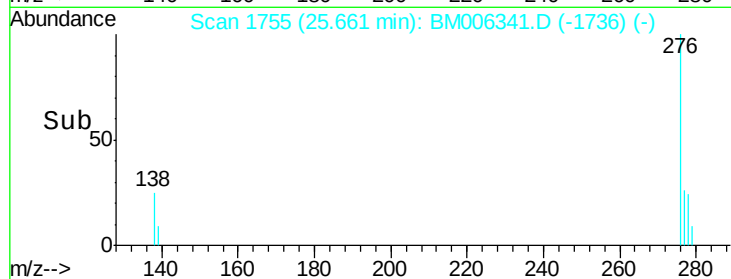
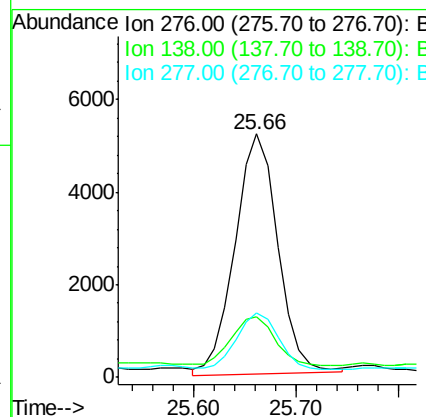
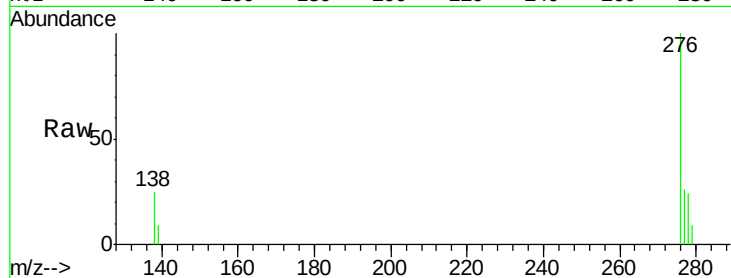
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.29 ng/ul
RT: 25.66 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM006341.D
Acq: 08 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
A4TV3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	16.3	24.5#
277	26.3	19.8	29.8

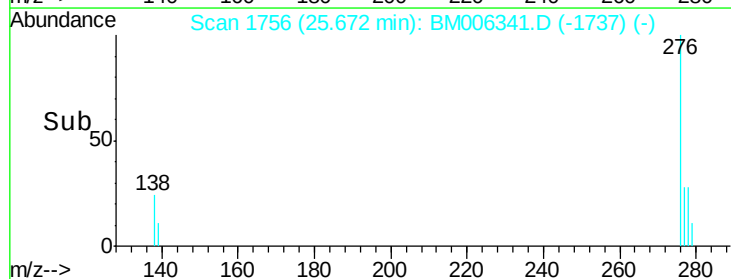
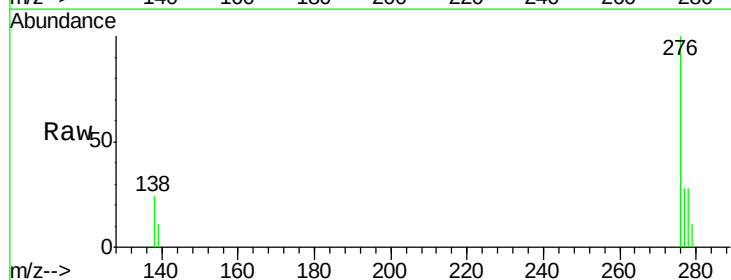
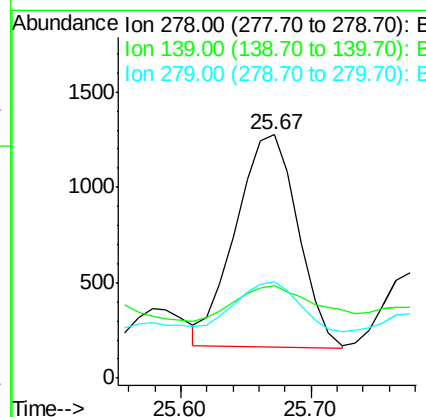
Manual Integrations

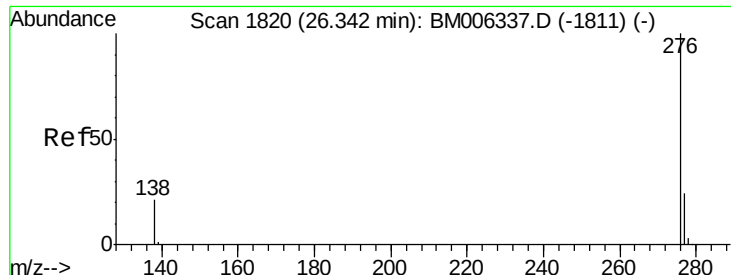
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#27
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BM006341.D
Acq: 08 Jul 2016 04:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.0	16.4	24.6#
279	39.7	20.2	30.2#





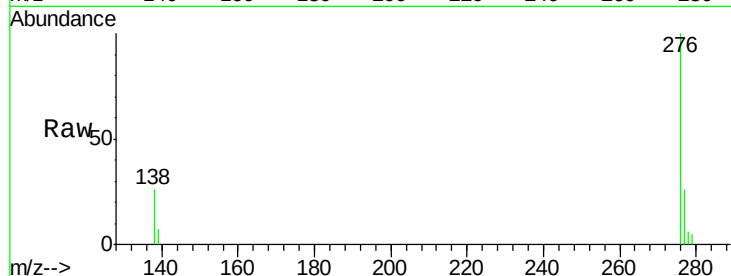
#28
Benzo(a,h,i)perylene
Concen: 0.28 ng/ul
RT: 26.34 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM006341.D
Acq: 08 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
A4TV3DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.9	28.3
138	26.0	22.5	33.7

Manual Integrations

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

